AUTHOR INDEX

(Volume XVIII)

BEARMAN, P. W.

The effect of base bleed on the flow behind a two-dimensional model with a blunt trailing edge, p. 207 (August).

BETHEL, H. E.

On a convergent multi-moment method for the laminar boundary layer equations, p. 332 (November).

BRADBURY, L. J. S.

Simple expressions for the spread of turbulent jets, p. 133 (May).

BROWN, Susan N. and MANGLER, K. W.

An asymptotic solution for the centre of a rolled-up conical vortex sheet in compressible flow, p. 754 (November).

CARNEGIE, W. and THOMAS, J.

Natural frequencies of long tapered cantilevers, p. 309 (November).

CUMPSTY, N. A. and HEAD, M. R.

The calculation of three-dimensional turbulent boundary layers. Part I: Flow over the rear of an infinite swept wing, p. 55 (February).

The calculation of three-dimensional turbulent boundary layers. Part II: Attachment-line flow on an infinite swept wing, p. 150 (May).

Errata, pp. 307 and 308 (August.)

DAVIES, G. A. O.

Plate-reinforced holes, p. 43 (February).

ESCUDIER, M. P. *et al.*

Decay of a velocity maximum in a turbulent boundary layer, p. 121 (May).

FINLEY, P. J.

Experiments on the reattachment of an axisymmetric shear layer, p. 379 (November).

GASTER, M.

On the flow along swept leading edges, p. 165 (May)

GOODYER, M. J.

Roll control techniques on magnetic suspension systems, p. 22 (February).

GRAUER-CARSTENSEN, H., *see* STAHL, W.

HARRIS, G. Z.

Reinforced sheets for load envelopes which combine tension and shear, p. 273 (August).

HAYASI, N., *see* HEAD, M. R., and HAYASI, N.

HEAD, M. R., *see* GUMPSTY, N. A.,

HEAD, M. R. and HAYASI, N.

Approximate calculations of the incompressible laminar boundary layer, p. 259 (August). *Errata*, p. 398 (Nov.)

HORLOCK, J. H. *see* TANABE, K.

HOWARD, I. C. and MORLEY, L. S. D.

The stresses around holes in plane sheets, p. 367 (November).

JONES, L. B.

Lower bounds for sonic bangs in the far field, p. 1 (February).

MANGLER, K. W., *see* BROWN, Susan N.

MORLEY, L. S. D., *see* HOWARD, I. C.

NICOLL, W. B. *see* ESCUDIER, M. P.

PILKEY, W. D.

The dynamic response of structural members. An improvement in classical methodology, p. 143 (May).

RICHARDS, B. E.

Transitional and turbulent boundary layers on a cold flat plate in hypersonic flow, p. 237 (August).

SPALDING, D. B., *see* ESCUDIER, M. P.

SQUIRE, L. C.

Calculated pressure distributions and shock shapes on thick conical wings at high supersonic speeds, p. 185 (May).

STAHL, W. and GRAUER-CARSTENSEN, H.

Base pressure measurements on elliptic cones in supersonic flow, p. 298 (August).

TANABE, K. and HORLOCK, J. H.

A simple method for predicting the performance of cascades of low solidity, p. 225 (August).

THOMAS, J., *see* CARNEGIE, W.

WAH, T.

Buckling of longitudinally stiffened plates, p. 85 (February).

WEST, A. A.

On the performance of the hovercraft single-wall skirt, p. 321 (November).

WHITELAW, J. H., *see* ESCUDIER, M. P.

YOUNG, A. D., *see* ZAMIR, M.

ZAMIR, M. and YOUNG, A. D.

Similar and asymptotic solutions of the incompressible laminar boundary layer equations with suction, p. 103 (May).

SUBJECT INDEX TO VOLUME XVIII—1967

AERODYNAMICS

See also Sonic Bangs, Boundary Layer Calculations, Jet Flow, Wind Tunnel Tests, Base Pressure, Correspondence.

An asymptotic solution for the centre of a rolled-up conical vortex sheet in compressible flow, Susan N. Brown and K. W. Mangler, p. 354 (November).

Calculated pressure distributions and shock shapes on thick conical wings at high supersonic speeds, L. C. Squire, p. 185 (May).

Experiments on the reattachment of an axisymmetric shear layer, P. J. Finley, p. 379 (November).

Transitional and turbulent boundary layers on a cold flat plate in hypersonic flow, B. E. Richards, p. 237 (August).

BASE PRESSURE

Base pressure measurements on elliptic cones in supersonic flow, W. Stahl and H. Grauer-Carstensen, p. 298 (August).

The effect of base bleed on the flow behind a two-dimensional model with a blunt trailing edge, P. W. Bearman, p. 207 (August).

BOUNDARY LAYER CALCULATIONS

Approximate calculations of the incompressible laminar boundary layer, M. R. Head and N. Hayasi, p. 259 (August). *Errata* p. 398 (November).

Decay of a velocity maximum in a turbulent boundary layer, M. P. Escudier *et al.*, p. 121 (May).

On a convergent multi-moment method for the laminar boundary layer equations, H. E. Bethel, p. 332 (November).

Similar and asymptotic solutions of the incompressible laminar boundary layer equations with suction, M. Zamir and A. D. Young, p. 103 (May).

The calculation of three-dimensional turbulent boundary layers, N. A. Cumpsty and M. R. Head, Part I: Flow over the rear of an infinite swept wing, p. 55 (February). Part II: Attachment-line flow on an infinite swept wing, p. 150 (May). *Errata* pp. 307 and 308 (August).

BUCKLING

Buckling of longitudinally stiffened plates, T. Wah, p. 85 (February).

CASCADES

A simple method for predicting the performance of cascades of low solidity, K. Tanabe and J. H. Horlock, p. 225 (August).

CORRESPONDENCE

On the paper "Radial Flow of Compressible Fluids Between Discs" (by Tsung Yen Na, August 1965), p. 100 (February).

FIBRE REINFORCEMENT

Reinforced sheets for load envelopes which combine tension and shear, G. Z. Harris, p. 273 (August).

HOVERCRAFT

On the performance of the hovercraft single-wall skirt, A. A. West, p. 321 (November).

JET FLOW

Simple expressions for the spread of turbulent jets, L. J. S. Bradbury, p. 133 (May).

PROPULSION

See Cascades, Vibration.

STRESS CONCENTRATION

Plate-reinforced holes, G. A. O. Davies, p. 43 (February).

The stresses around holes in plane sheets, I. C. Howard and L. S. D. Morley, p. 367 (November).

STRUCTURES

See Stress Concentration, Buckling, Vibration, Fibre Reinforcement.

SUCTION WING

See Wind Tunnel Tests.

VIBRATION

Natural frequencies of long tapered cantilevers, W. Carnegie and J. Thomas, p. 309 (November).

The dynamic response of structural members. An improvement in classical methodology, W. D. Pilkey, p. 143 (May).

WIND TUNNEL TESTS

On the flow along swept leading edges, M. Gaster, p. 165 (May).

Roll control techniques on magnetic suspension systems, M. J. Goodyer, p. 22 (February).

SONIC BANGS

Lower bounds for sonic bangs in the far field, L. B. Jones, p. 1 (February).